

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/469,637DATE: 02/06/96
TIME: 10:51:33

INPUT SET: S8513.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4 (i) APPLICANT: GREENE, ET AL.
5
6 (ii) TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
7
8 (iii) NUMBER OF SEQUENCES: 9
9
10 (iv) CORRESPONDENCE ADDRESS:
11
12 (A) ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
13 CECCHI, STEWART & OLSTEIN
14 (B) STREET: 6 BECKER FARM ROAD
15 (C) CITY: ROSELAND
16 (D) STATE: NEW JERSEY
17 (E) COUNTRY: USA
18 (F) ZIP: 07068
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: 3.5 INCH DISKETTE
22 (B) COMPUTER: IBM PS/2
23 (C) OPERATING SYSTEM: MS-DOS
24 (D) SOFTWARE: WORD PERFECT 5.1
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: 08/469,637
28 (B) FILING DATE: June 6, 1995
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA
32 (A) APPLICATION NUMBER: PCT/US95/03216
33 (B) FILING DATE: 15 MAR 95
34
35
36 (viii) ATTORNEY/AGENT INFORMATION:
37 (A) NAME: FERRARO, GREGORY D.
38 (B) REGISTRATION NUMBER: 36,134
39 (C) REFERENCE/DOCKET NUMBER: 325800-381
40
41 (ix) TELECOMMUNICATION INFORMATION:
42 (A) TELEPHONE: 201-994-1700
43 (B) TELEFAX: 201-994-1744
44
45 (2) INFORMATION FOR SEQ ID NO:1:
46

RAW SEQUENCE LISTING PATENT APPLICATION US/08/469,637

DATE: 02/06/96
TIME: 10:51:38

INPUT SET: S8513.raw

47 (i) SEQUENCE CHARACTERISTICS:

48 (A) LENGTH: 1173 BASE PAIRS
49 (B) TYPE: NUCLEIC ACID
50 (C) STRANDEDNESS: SINGLE
51 (D) TOPOLOGY: LINEAR

52

53 (ii) MOLECULE TYPE: cDNA

54

55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

56

57	ATGAACAAGT	TGCTGTGCTG	CGCGCTCGTG	TTTCTGGACA	TCTCCATTAA	GTGGACCACC	60
58	CAGGAAACGT	TTCTTCCAAA	GTACCTTCAT	TATGACGAAG	AAACCTCTCA	TCAGCTGTTG	120
59	TGTGACAAAT	GTCCTCCTGG	TACCTACCTA	AAACAACACT	GTACAGCAAA	GTGGAAGACC	180
60	GTGTGCGCCC	CTTGCCCTGA	CCACTACTAC	ACAGACAGCT	GGCACACCAG	TGACGAGTGT	240
61	CTATACTGCA	GCCCCGTGTG	CAAGGAGCTG	CAGTACGTCA	AGCAGGAGTG	CAATCGCACC	300
62	CACAACCGCG	TGTGCGAATG	CAAGGAAGGG	CGCTACCTTG	AGATAGAGTT	CTGCTTGAAA	360
63	CATAGGAGCT	GCCCTCCTGG	ATTTGGAGTG	GTGCAAGCTG	GAACCCCAAG	GCGAAATACA	420
64	GTTTGCAAAA	GATGTCCAGA	TGGGTTCTTC	TCAAATGAGA	CGTCATCTAA	AGCACCCCTGT	480
65	AGAAAACACA	CAAATTGCAG	TGTCTTTGGT	CTCCTGCTAA	CTCAGAAAGG	AAATGCAACA	540
66	CACGACAACA	TATGTTCCGG	AAACAGTGAA	TCAACTCAAA	AATGTGGAAT	AGATGTTACC	600
67	CTGTGTGAGG	AGGCATTCTT	CAGGTTTGCT	GTTCCTACAA	AGTTTACGCC	TAACTGGCTT	660
68	AGTGTCTTGG	TAGACAATTT	GCCTGGCACC	AAAGTAAACG	CAGAGAGTGT	AGAGAGGATA	720
69	AAACGGCAAC	ACAGCTCACA	AGAACAGACT	TTCCAGCTGC	TGAAGTTATG	GAAACATCAA	780
70	AACAAAGACC	AAGATATAGT	CAAGAAGATC	ATCCAAGATA	TTGACCTCTG	TGAAAACAGC	840
71	GTGCAGCGGC	ACATTGGACA	TGCTAACCTC	ACCTTCGAGC	AGCTTCGTAG	CTTGATGGAA	900
72	AGCTTACCGG	GAAAGAAAAGT	GGGAGCAGAA	GACATTGAAA	AAACAATAAA	GGCATGCAAA	960
73	CCCAGTGACC	AGATCCTGAA	GCTGCTCAGT	TTGTGGCGAA	TAAAAAATGG	CGACCAAGAC	1020
74	ACCTTGAAGG	GCCTAATGCA	CGCACTAAAG	CACTCAAAGA	CGTACCACTT	TCCCACAAAC	1080
75	TGTCACTCAG	AGTCTAAAGA	AGACCATCAG	GTTCCCTTCAC	AGCTTCACAA	TGTACAAAAT	1140
76	GTATCAGAAG	TTATTTTCTAG	AAATGATAGG	TAA			1173

77

78 (2) INFORMATION FOR SEQ ID NO:2:

79 (i) SEQUENCE CHARACTERISTICS:

80 (A) LENGTH: 390 AMINO ACIDS
81 (B) TYPE: AMINO ACID
82 (C) STRANDEDNESS:
83 (D) TOPOLOGY: LINEAR

84

85 (ii) MOLECULE TYPE: PROTEIN

86

87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

88

89	Met	Asn	Lys	Leu	Leu	Cys	Cys	Ala	Leu	Val	Phe	Leu	Asp	Ile	Ser
90	-20						-15					-10			
91	Ile	Lys	Trp	Thr	Thr	Gln	Glu	Thr	Phe	Pro	Pro	Lys	Tyr	Leu	His
92	-5					1					5				
93	Tyr	Asp	Glu	Glu	Thr	Ser	His	Gln	Leu	Leu	Cys	Asp	Lys	Cys	Pro
94	10					15					20				
95	Pro	Gly	Thr	Tyr	Leu	Lys	Gln	His	Cys	Thr	Ala	Lys	Trp	Lys	Thr
96	25					30					35				
97	Val	Cys	Ala	Pro	Cys	Pro	Asp	His	Tyr	Tyr	Thr	Asp	Ser	Trp	His
98	40					45					50				
99	Thr	Ser	Asp	Glu	Cys	Leu	Tyr	Cys	Ser	Pro	Val	Cys	Lys	Glu	Leu

RAW SEQUENCE LISTING PATENT APPLICATION US/08/469,637

DATE: 02/06/96
TIME: 10:51:43

INPUT SET: S8513.raw

100	55	60	65
101	Gln Tyr Val Lys Gln	Glu Cys Asn Arg Thr	His Asn Arg Val Cys
102	70	75	80
103	Glu Cys Lys Glu Gly	Arg Tyr Leu Glu Ile	Glu Phe Cys Leu Lys
104	85	90	95
105	His Arg Ser Cys Pro	Pro Gly Phe Gly Val	Val Gln Ala Gly Thr
106	100	105	110
107	Pro Glu Arg Asn Thr	Val Cys Lys Arg Cys	Pro Asp Gly Phe Phe
108	115	120	125
109	Ser Asn Glu Thr Ser	Ser Lys Ala Pro Cys	Arg Lys His Thr Asn
110	130	135	140
111	Cys Ser Val Phe Gly	Leu Leu Leu Thr Gln	Lys Gly Asn Ala Thr
112	145	150	155
113	His Asp Asn Ile Cys	Ser Gly Asn Ser Glu	Ser Thr Gln Lys Cys
114	160	165	170
115	Gly Ile Asp Val Thr	Leu Cys Glu Glu Ala	Phe Phe Arg Phe Ala
116	175	180	185
117	Val Pro Thr Lys Phe	Thr Pro Asn Trp Leu	Ser Val Leu Val Asp
118	190	195	200
119	Asn Leu Pro Gly Thr	Lys Val Asn Ala Glu	Ser Val Glu Arg Ile
120	205	210	215
121	Lys Arg Gln His Ser	Ser Gln Glu Gln Thr	Phe Gln Leu Leu Lys
122	220	225	230
123	Leu Trp Lys His Gln	Asn Lys Asp Gln Asp	Ile Val Lys Lys Ile
124	235	240	245
125	Ile Gln Asp Ile Asp	Leu Cys Glu Asn Ser	Val Gln Arg His Ile
126	250	255	260
127	Gly His Ala Asn Leu	Thr Phe Glu Gln Leu	Arg Ser Leu Met Glu
128	265	270	275
129	Ser Leu Pro Gly Lys	Lys Val Gly Ala Glu	Asp Ile Glu Lys Thr
130	280	285	290
131	Ile Lys Ala Cys Lys	Pro Ser Asp Gln Ile	Leu Lys Leu Leu Ser
132	295	300	305
133	Leu Trp Arg Ile Lys	Asn Gly Asp Gln Asp	Thr Leu Lys Gly Leu
134	310	315	320
135	Met His Ala Leu Lys	His Ser Lys Thr Tyr	His Phe Pro Thr Asn
136	325	330	335
137	Cys His Ser Glu Ser	Lys Glu Asp His Gln	Val Pro Ser Gln Leu
138	340	345	350
139	His Asn Val Gln Ile	Val Ser Glu Val Ile	Phe Arg Asn Asp Arg
140	355	360	365

141

142 (2) INFORMATION FOR SEQ ID NO:3:

143

144 (i) SEQUENCE CHARACTERISTICS:

145 (A) LENGTH: 33 BASE PAIRS

146 (B) TYPE: NUCLEIC ACID

147 (C) STRANDEDNESS: SINGLE

148 (D) TOPOLOGY: LINEAR

149

150 (ii) MOLECULE TYPE: Oligonucleotide

151

152 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/469,637DATE: 02/06/96
TIME: 10:51:48

INPUT SET: S8513.raw

153
154 GCCAGAGGAT CCGAAACGTT TCCTCCAAAG TAC 33
155
156 (2) INFORMATION FOR SEQ ID NO:4:
157
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 33 BASE PAIRS
160 (B) TYPE: NUCLEIC ACID
161 (C) STRANDEDNESS: SINGLE
162 (D) TOPOLOGY: LINEAR
163
164 (ii) MOLECULE TYPE: Oligonucleotide
165
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
167
168 CGGCTTCTAG AATTACCTAT CATTTCTAAA AAT 33
169
170 (2) INFORMATION FOR SEQ ID NO:5:
171
172 (i) SEQUENCE CHARACTERISTICS:
173 (A) LENGTH: 31 BASE PAIRS
174 (B) TYPE: NUCLEIC ACID
175 (C) STRANDEDNESS: SINGLE
176 (D) TOPOLOGY: LINEAR
177
178 (ii) MOLECULE TYPE: Oligonucleotide
179
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
181
182 GCGCGGATCC ATGAACAAGT TGCTGTGCTG C 31
183
184 (2) INFORMATION FOR SEQ ID NO:6:
185
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 34 BASE PAIRS
188 (B) TYPE: NUCLEIC ACID
189 (C) STRANDEDNESS: SINGLE
190 (D) TOPOLOGY: LINEAR
191
192 (ii) MOLECULE TYPE: Oligonucleotide
193
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
195
196 GCGCTCTAGA TTACCTATCA TTTCTAAAAA TAAC 34
197
198 (2) INFORMATION FOR SEQ ID NO:7:
199
200 (i) SEQUENCE CHARACTERISTICS:
201 (A) LENGTH: 31 BASE PAIRS
202 (B) TYPE: NUCLEIC ACID
203 (C) STRANDEDNESS: SINGLE
204 (D) TOPOLOGY: LINEAR
205

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/469,637DATE: 02/06/96
TIME: 10:51:53

INPUT SET: S8513.raw

206 (ii) MOLECULE TYPE: Oligonucleotide
207
208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
209
210 GCGCGGTACC TCAGTGGTTT GGGCTCCTCC C 31
211
212 (2) INFORMATION FOR SEQ ID NO:8:
213
214 (i) SEQUENCE CHARACTERISTICS:
215 (A) LENGTH: 39 BASE PAIRS
216 (B) TYPE: NUCLEIC ACID
217 (C) STRANDEDNESS: SINGLE
218 (D) TOPOLOGY: LINEAR
219
220 (ii) MOLECULE TYPE: Oligonucleotide
221
222 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
223
224 GCCAGAGGAT CCGCCACCAT GAACAAGTTG CTGTGCTGC 39
225
226 (2) INFORMATION FOR SEQ ID NO:9:
227
228 (i) SEQUENCE CHARACTERISTICS:
229 (A) LENGTH: 60 BASE PAIRS
230 (B) TYPE: NUCLEIC ACID
231 (C) STRANDEDNESS: SINGLE
232 (D) TOPOLOGY: LINEAR
233
234 (ii) MOLECULE TYPE: Oligonucleotide
235
236 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
237
238 CGGCTTCTAG AATCAAGCGT AGTCTGGGAC GTCGTATGGG TACCTATCAT TTCTAAAAAT 60

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/469,637

DATE: 02/06/96
TIME: 10:51:57

INPUT SET: S8513.raw

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Error

Original Text